UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/805,045	03/19/2004	Richard Eric Lander	MSFT-2954/307197.01	7972

41505 7590 10/20/2006	
WOODCOCK WASHBURN LLP (MICROSOFT CORPORATION) ONE LIBERTY PLACE - 46TH FLOOR PHILADELPHIA, PA 19103	

EXAMINER
FABER, DAVID

ART UNIT	PAPER NUMBER
2178	

DATE MAILED: 10/20/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

PTO-90C (Rev. 10/03)

	Application No.	Applicant(s)
Interview Summary	10/805,045	LANDER, RICHARD ERIC
	Examiner	Art Unit
	David Faber	2178

All participants (applicant, applicant's representative, PTO personnel):

(1) _David Faber_.   (3)_____.

(2) _Nathaniel Ari Long_.   (4)_____.

Date of Interview: _17 October 2006_.

Type: a)☒ Telephonic   b)☐ Video Conference
      c)☐ Personal [copy given to: 1)☐ applicant   2)☐ applicant's representative]

Exhibit shown or demonstration conducted: d)☒ Yes   e)☐ No.
   If Yes, brief description: _claim listings_.

Claim(s) discussed: _1-30_.
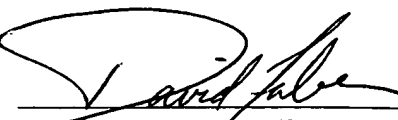
Identification of prior art discussed: _Kwok et al_.

Agreement with respect to the claims f)☐ was reached.   g)☐ was not reached.   h)☒ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: _Discussed the Applicant's invention, the proposed amendments, and the prior art reference_.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

Examiner's signature, if required

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record
A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews
Paragraph (b)
In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.
All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:
- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:
1) A brief description of the nature of any exhibit shown or any demonstration conducted,
2) an identification of the claims discussed,
3) an identification of the specific prior art discussed,
4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
5) a brief identification of the general thrust of the principal arguments presented to the examiner,
   (The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
6) a general indication of any other pertinent matters discussed, and
7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Applicant Initiated Interview Request Form

Application No.: 10/805,045   First Named Applicant: Richard Eric Lander
Examiner: David Faber   Art Unit: 2178   Status of Application: pending

Tentative Participants:
(1) David Faber   (2) Nathaniel Ari Long
(3) _____   (4) _____

Proposed Date of Interview: October 17, 2006   Proposed Time: 11:00   (AM/PM)

Type of Interview Requested:
(1) [✓] Telephonic   (2) [ ] Personal   (3) [ ] Video Conference

Exhibit To Be Shown or Demonstrated: [✓] YES   [ ] NO
If yes, provide brief description: Claims listing

Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) Rejected Claims 1-30			[ ]	[ ]	[ ]
(2)			[ ]	[ ]	[ ]
(3)			[ ]	[ ]	[ ]
(4)			[ ]	[ ]	[ ]

[ ] Continuation Sheet Attached

Brief Description of Arguments to be Presented:

Rejected claims 1-30 that applicant wishes to amend. See draft claims listing for proposed amendments.

An interview was conducted on the above-identified application on _____.
NOTE: This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).
This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

Applicant/Applicant's Representative Signature   Examiner/SPE Signature

Nathaniel Ari Long
Typed/Printed Name of Applicant or Representative

53,233
Registration Number, if applicable

DOCKET NO.: MSFT-2954/307197.01   PATENT
Application No.: 10/805,045   REPLY FILED UNDER EXPEDITED
Office Action Dated: September 13, 2006   PROCEDURE PURSUANT TO
                                                        37 CFR § 1.116

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1.   (Currently amended) A method for automatically generating all or part of an
Extensible Stylesheet Language Transforms ("XSLT") transform for transforming Extensible
Markup Language ("XML") data in a source file format into data in a new file format,
comprising:

          producing an input file that identifies at least one data pattern from an XML
source file; and

          producing a first ~~object~~ instructions for an automated process for generating an
XSLT transform, wherein said first ~~object~~ instructions for an automated process generates at
least one first feature of said XSLT transform, and wherein said first ~~object~~ instructions for an
automated process is designed to inherit a second ~~object~~ instructions for an automated
process for generating said XSLT transform by containing a reference to said second
instructions for an automated process that will cause control of a computer processor to pass
from said first instructions for an automated process to said second instructions for an
automated process; and

          ~~incorporating said second object into said first object,~~ wherein said second
~~object~~ instructions for an automated process uses said input file to generate at least one
second feature of said XSLT transform.

2.   (Original) The method of claim 1, wherein said input file identifies at least one data
pattern from an XML source file by identifying at least one XPath expression.

3.   (Original) The method of claim 1, wherein said input file also identifies at least one
output data format for a new file.

4.   (Original) The method of claim 3, further comprising pairing in said input file at least
one XPath expression used to identify the at least one data pattern to an output data format
for a new file.

5.   (Currently amended) The method of claim 1, further comprising using said first
~~object~~ instructions for an automated process to override a call initiated by said second ~~object~~

instructions for an automated process with a call to a portion of said first ~~object~~ instructions

for an automated process for generating said at least one first feature of an output XSLT

transform.

6.   (Currently amended) The method of claim 1, wherein said second ~~object~~

instructions for an automated process is an XSLT transform.

7.   (Currently amended) The method of claim 1, wherein said second ~~object~~

instructions for an automated process includes ~~a object~~ instructions for an automated process

for placing at least one custom XSLT transform into said output XSLT transform.

8.   (Currently amended) The method of claim 1, wherein said second ~~object~~

instructions for an automated process generates at least one XSLT template corresponding to

the at least one data pattern from an XML source file.

9.   (Currently amended) The method of claim 8, wherein said second ~~object~~

instructions for an automated process includes a call to a stub XSLT template that can be

used by said first object to initiate the insertion of additional features into said at least one

XSLT template.

10.   (Original) The method of claim 1, wherein said input file conforms to an XML

schema.

11.   (Currently amended) A system comprising a computer readable medium bearing

data structures and instructions for generating XSLT transforms, comprising:

        a first data structure comprising an input file containing at least one XPath expression;

and

        a first XSLT transform comprising instructions for generating at least one first feature

of an output XSLT transform and instructions for incorporating a second XSLT transform

comprising a reference to said second XSLT transform, said second XSLT transform

comprising instructions for generating at least one second feature of an output XSLT

transform; and

~~a object~~ instructions for an automated process in said second XSLT transform, said ~~object~~ instructions for an automated process comprising instructions for generating an XSLT template or a portion thereof based on said at least one XPath expression.

12.   (Previously presented) The system of claim 11, wherein the input file conforms to an XML schema designed for readability by said second XSLT transform.

13.   (Previously presented) The system of claim 11, further comprising custom transforms comprising instructions that can be incorporated into said output XSLT transform.

14.   (Original) The system of claim 11, further comprising at least one identification of a new file data format in said input file.

15.   (Currently amended) The system of claim 11, further comprising a ~~object~~ instructions for an automated process in said first XSLT transform comprising instructions to override a call to a stub template initiated by said second XSLT transform with a call to a portion of said first XSLT transform.

16.   (Currently amended) The system of claim 11, further comprising a ~~object~~ instructions for an automated process in said second XSLT transform comprising instructions to call a stub XSLT template.

17.   (Previously presented) A computer readable medium comprising computer readable instructions, said instructions comprising an XSLT transform, comprising:
        a first component comprising instructions for transforming at least one section of an input file into an XSLT template or portion thereof; and
        a second component comprising instructions to call to a stub XSLT template.

18.   (Original) The XSLT transform of claim 17, further comprising a third component for identifying at least one namespace prefix from the input file and generating a header for an output XSLT transform including said namespace prefix.

19.   (Original) The XSLT transform of claim 18, further comprising a fourth component for generating a temporary namespace and inserting it into said header for an output XSLT transform.

20.   (Previously presented) The XSLT transform of claim 17, further comprising a component for inserting at least one custom XSLT template into an output XSLT transform.

21.   (Currently amended) A computer comprising means for automatically generating all or part of an Extensible Stylesheet Language Transforms ("XSLT") transform for transforming Extensible Markup Language ("XML") data in a source file format into data in a new file format, comprising:

       means for reading an input file that identifies at least one data pattern from an XML source file; and

       means for generating at least one first feature of an output XSLT transform ~~with a first object,~~ said means for generating comprising instructions for carrying out a first automated process, and said instructions for carrying out a first automated process containing a reference to instructions for carrying out a second automated process; and

       ~~means for incorporating a second object for generating an XSLT transform into said first object; and~~

       ~~means for said second object to use~~ said instructions for carrying out second automated process comprising instructions for utilizing said input file to generate at least one second feature of said output XSLT transform.

22.   (Previously presented) The computer comprising means for automatically generating all or part of an XSLT transform of claim 21, wherein said input file identifies at least one data pattern from an XML source file by identifying at least one XPath expression.

23.   (Previously presented) The computer comprising means for automatically generating all or part of an XSLT transform of claim 21, wherein said input file also identifies at least one data pattern for a new file.

24.   (Previously presented) The computer comprising means for automatically generating all or part of an XSLT transform of claim 23, further comprising means for pairing in said

input file at least one XPath expression used to identify the at least one data pattern to an
output data format for a new file.

25.   (Currently amended) The computer comprising means for automatically generating
all or part of an XSLT transform of claim 21, further comprising means for using said first
object instructions for carrying out a first automated process to override a call initiated by
said second object instructions for carrying out a second automated process with a call to a
portion of said first object instructions for carrying out a first automated process for
generating said at least one first feature of an output XSLT transform.

26.   (Currently amended) The computer comprising means for automatically generating
all or part of an XSLT transform of claim 21, wherein said second object instructions for
carrying out a second automated process is an XSLT transform.

27.   (Currently amended) The computer comprising means for automatically generating
all or part of an XSLT transform of claim 21, wherein said second object instructions for
carrying out a second automated process includes a means for referencing a reference to at
least one custom XSLT transform in said output XSLT transform.

28.   (Currently amended) The computer comprising means for automatically generating
all or part of an XSLT transform of claim 21, wherein said second object instructions for
carrying out a second automated process generates at least one XSLT template corresponding
to the at least one data pattern from an XML source file.

29.   (Currently amended) The computer comprising means for automatically generating
all or part of an XSLT transform of claim 28, wherein said second object instructions for
carrying out a second automated process includes a call to a stub XSLT template that can be
used by said first object instructions for carrying out a first automated process to initiate the
insertion of additional features into said at least one XSLT template.

30.   (Previously presented) The computer comprising means for automatically generating
all or part of an XSLT transform of claim 21, wherein said input file conforms to an XML
schema.